

Converting Colors

YIQ(206.3400, 27.7410,
-12.6670)

Have a look what the booklet for
YIQ(206.3400, 27.7410, -12.6670)
contains.

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Color

**YIQ(206.3400, 27.7410,
-12.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	E1CF9A
RGB	225, 207, 154
RGB Percent	88%, 81%, 60%
CMY	0.1176, 0.1882, 0.3959
CMYK	0.00, 0.08, 0.32, 0.12
HSL	45°, 54%, 74%
HSV	45°, 32%, 88%
XYZ	59.1990, 62.9642, 39.6219
YIQ	206.3400, 27.7410, -12.6670

Conversions

Conversions Part 2

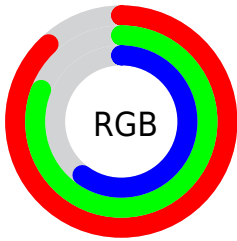
Format	Color
RYB	178, 225, 154
Decimal	14798746
CIELab	83.42, -1.55, 28.63
CIELCh	83, 28.675, 93.097
Yxy	62.9642, 0.3659, 0.3892
Android (android.graphics.Color)	4292988826 (0xFFE1CF9A)
YUV	206.3400, -25.8036, 16.3648
Hunter-Lab	79.3500, -5.6927, 25.9397

Details

The YIQ color $206.3400, 27.7410, -12.6670$ is a light color, and the websafe version is hex $CCCC99$. A complement of this color would be $172.6600, -27.7410, 12.6670$, and the grayscale version is $207.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $249.7560, 14.7660, -14.3060$, and $151.9700, 25.9070, -12.4690$ is the 20% darker color. If you saturate the color by 10%, you get $200.3100, 36.4530, -16.3710$, and if you desaturate by 10%, it is $212.4840, 18.7080, -8.6520$.

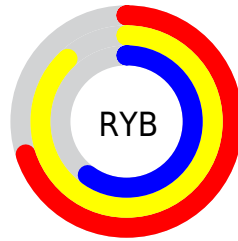
Distribution



Red (88%)

Green (81%)

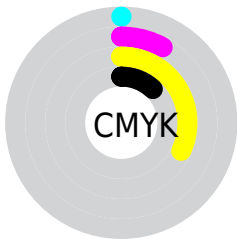
Blue (60%)



Red (70%)

Yellow (88%)

Blue (60%)

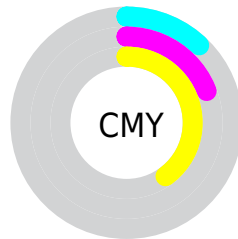


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 206.3400, 27.7410, -12.6670 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 206.3400, 27.7410, -12.6670 by changing the saturation by 10% instead.

■ 206.3400, 27.7410,
-12.6670

■ 206.3400, 27.7410,
-12.6670

255.0000, -0.0000,
-0.0000

■ 179.1550, 26.8240,
-12.5680

■ 249.7560, 14.7660,
-14.3060

■ 151.9700, 25.9070,
-12.4690

■ 252.9480, 5.7780,
-5.5980

■ 125.8990, 24.6690,
-12.0590

■ 100.4150, 23.1560,
-12.1720

■ 76.3440, 21.9180,
-11.7620

■ 52.7460, 20.7260,
-12.1860

■ 32.5160, 15.6820,

-8.8780

■ 12.1160, 5.3650,
-3.6190

■ 0.0000, 0.0000,
0.0000

■ 206.3400, 27.7410,
-12.6670

■ 206.3400, 27.7410,
-12.6670

■ 200.3100, 36.4530,
-16.3710

■ 212.4840, 18.7080,
-8.6520

■ 194.7530, 45.2110,
-20.9090

■ 217.9270, 10.2710,
-4.4250

■ 188.7230, 53.9230,
-24.6130

■ 224.0710, 1.2380,
-0.4100

■ 182.5790, 62.9560,
-28.6280

■ 230.1010, -7.4740,
3.2940

■ 176.5490, 71.6680,
-32.3320

■ 234.8770,
-12.6550, 3.5770

■ 170.9920, 80.4260,
-36.8700

■ 237.8120,
-14.0300, 0.9620

■ 165.8910, 87.9000,
-40.1640

■ 241.3340,
-15.6800, -2.1760

■ 244.8560,
-17.3300, -5.3140

■ 246.0300,
-17.8800, -6.3600

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



208.7320, 41.6770, -0.9070



206.3400, 27.7410, -12.6670



203.2770, 5.6890, -20.5110

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



206.3400, 27.7410, -12.6670



195.7890, -59.9220, -15.3620



212.5210, 18.4270, 23.9870

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



206.3400, 27.7410, -12.6670



172.6600, -27.7410, 12.6670

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



210.8260, -7.4770, 19.8750



206.3400, 27.7410, -12.6670



199.8040, -55.1100, -3.4460

Square

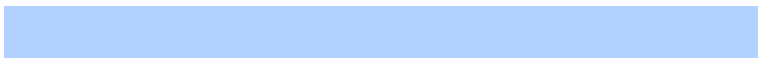
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



206.3400, 27.7410, -12.6670



196.4020, -45.8910, -21.8510



205.2740, -32.6460, 7.9460



210.0850, 34.1540, 19.8020

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



206.3400, 27.7410, -12.6670



200.8280, -12.1000, -23.0120



205.2740, -32.6460, 7.9460



212.2150, 10.5410, 23.7330

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



206.3400, 27.7410, -12.6670



248.8560, 9.0330, -4.0150



177.3950, 36.2170, 20.9610



123.9420, 5.9150, -2.5730



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



206.3400, 27.7410, -12.6670



229.2670, 38.0120, -17.0920



211.8230, 12.6590, -25.6850



108.9850, 4.3560, -1.8520



129.5210, 68.8710, -31.2010



35.4840, 18.7080, -8.6520

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



172.6600, -27.7410, 12.6670



183.7330, -38.0120, 17.0920



167.1770, -12.6590, 25.6850



104.0150, -4.3560, 1.8520



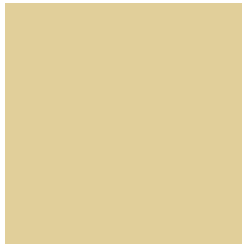
46.4790, -68.8710, 31.2010



12.5160, -18.7080, 8.6520

Previews

White Background



This preview shows how the YIQ color 206.3400, 27.7410, -12.6670 looks on a white background.

Color Contrast Check

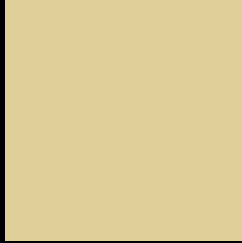
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 206.3400, 27.7410, -12.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

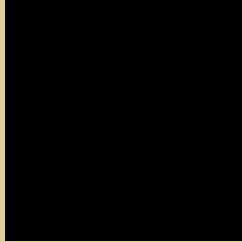
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 206.3400, 27.7410, -12.6670

Background



This preview shows how black text looks on a background with the YIQ color 206.3400, 27.7410, -12.6670.



This preview shows how white text looks on a background with the YIQ color 206.3400, 27.7410,

-12.6670.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

206.3400, 27.7410, -12.6670

Protanopia

206.3290, 26.2740, -13.6140

Deuteranopia

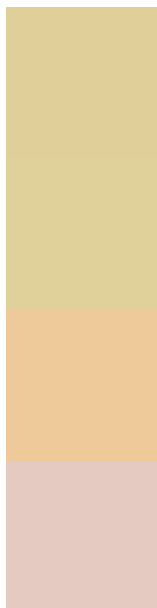
207.8520, 41.2190, -3.6210



Tritanopia

210.6910, 14.5320, 11.9720

Trichromacy



Original Color

206.3400, 27.7410, -12.6670

Protanomaly

206.6280, 26.8700, -13.4020

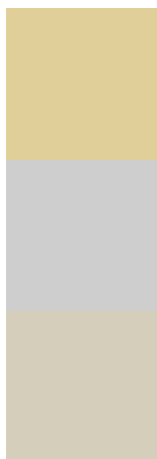
Deuteranomaly

207.4060, 36.5430, -6.9850

Tritanomaly

209.0470, 18.9810, 2.9250

Monochromacy



Original Color

206.3400, 27.7410, -12.6670

Achromatopsia

206.0000, -0.0000, 0.0000

Achromatomaly

205.9270, 10.2710, -4.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 206.3400, 27.7410, -12.6670 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(225, 207, 154)` looks like.

```
.text, #text, p{  
    color:rgb(225, 207, 154)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(225, 207, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 207, 154) }
```

Border

The CSS property to change the border of an element to YIQ 206.3400, 27.7410, -12.6670 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(225, 207, 154) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(225, 207, 154) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(225, 207, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 207, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 207, 154);  
box-shadow:4px 4px 4px 4px rgb(225, 207,  
154) }
```

Background

The CSS property to change the background color of an element to YIQ 206.3400, 27.7410, -12.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 207, 154) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(225,  
207, 154) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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